

Substitute for Form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

<i><b>Complete if Known</b></i>	
Application Number	10/520,291
Filing Date	December 29, 2004
First Named Inventor:	Sooyoung Park
Art Unit	1626
Examiner Name	Shiao, Rei Tsang
Attorney Docket Number	7347P001

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of

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**Attorney Docket Number**

7347P001

U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		JP 06-032307	02/08/1994	Kobayashi		*

\* English Abstract included

Examiner Signature		Date Considered	
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. "Applicant's unique citation designation number (optional).<sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3).<sup>4</sup> For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document.<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		J.-L. Brédas and A.J. Heeger, "Influence of Donor and Acceptor Substituents on the Electronic Characteristics of poly (para-phenylene vinylene) and poly (para-phenylene)," Chem. Phys. Lett., Vol. 217, number 5, pgs. 507-512 (January 28, 1994).	
		J.L. Segura, "The chemistry of electroluminescent organic materials," Acta Polymerica, Vol. 49, Issue 7, pgs. 319-344 (July 1998)	
		Arne Kraft, Andrew C. Grimsdale, Andrew B. Holmes, "Electroluminescent Conjugated Polymers - Seeing Polymers in a New Light," Angewandte Chemie International Edition, Vol. 37, Issue 4, pgs. 402-428 (1998)	
		Cesar Barbero, et al., "Electrochemical Formulation of a Self-Doped Conductive Polymer in the Absence of a Supporting Electrolyte. The Copolymerization of o-Aminobenzenesulfonic Acid and Aniline," Advanced Materials, Vol. 6, Issue 7-8, pgs. 577-580 (1994)	
		Tetsuya Noda, et al., "A Novel Family of Amorphous Molecular Materials Containing an Oligothiophene Moiety as Color-Tunable Emitting Materials for Organic Electroluminescent Devices," Advanced Materials, Vol. 9, Issue 9, pgs. 720-722 (1997)	
		Hiromatsu Tanaka, et al., "Novel hole-transporting materials based on triphylamine for organic electroluminescent devices," Chem. Commun., pgs. 2175-2176 (1996)	
		Chihiya Adachi, et al., "Electroluminescence in Organic Films with Three-Layer Structure," Japanese Journal of Applied Physics, Vol. 27, No. 2, pp. L269-L271 (February 1988)	
		Chihiya Adachi, et al., "Confinement of charge carriers and molecular excitons within 5-nm-thick emitter layer in organic electroluminescent devices with a double heterostructure," Appl. Phys. Lett., Vol. 57, No. 6, pp. 531-533 (August 6, 1990)	

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